

REMARKS

The Examiner is thanked for the due consideration given the application. This amendment is being filed concurrently with a Request for Continued Examination.

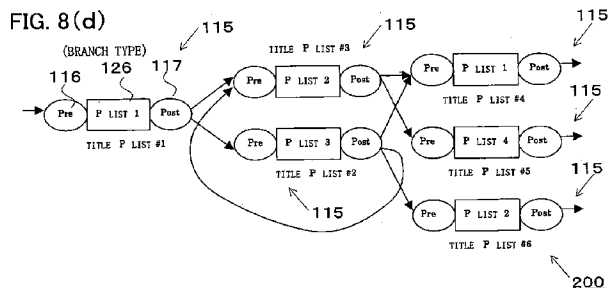
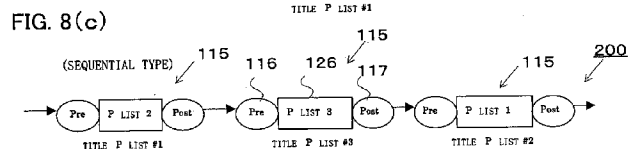
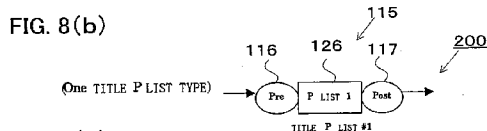
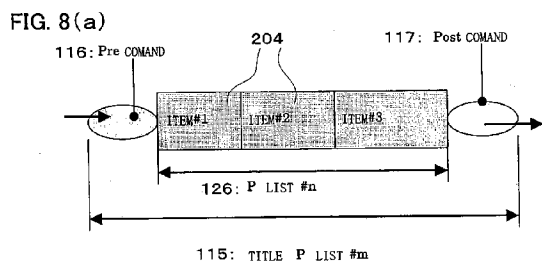
Claims 15, 16, 19-22, 25 and 26 are pending in the application. The applicant has amended the claims so as to clarify that (i) the play list specification information is information which is different from the play list information, and (ii) the same play list information can be specified by a plurality of play list specification information and the same play list information can be combined with different Pre and Post commands. This amendment is based on page 6 line 20 to page 7 line 20 of the specification.

No new matter is believed to be added to the application by this response.

Rejection over Murase et al.

Claims 15, 16, 19-22, 25 and 25 remain rejected under 35 USC §102(b) as being anticipated by Murase et al. (U.S. Patent 5,907,658). This rejection is respectfully traversed.

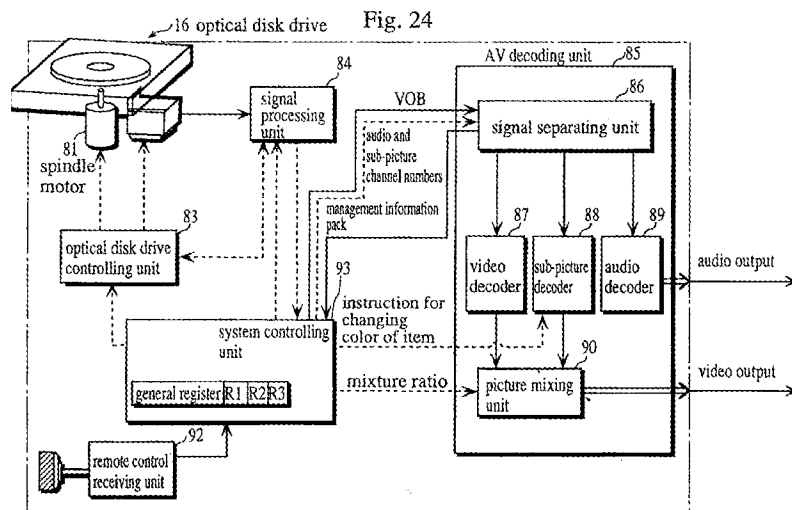
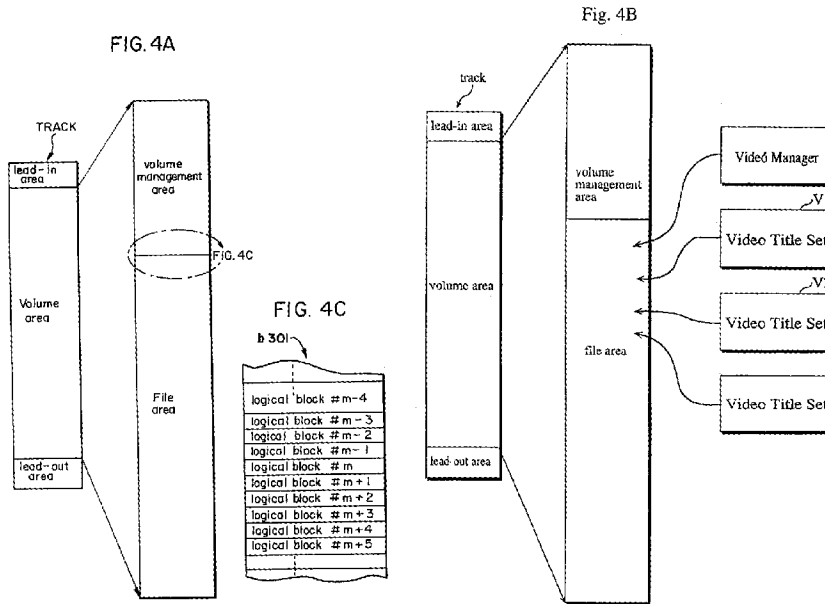
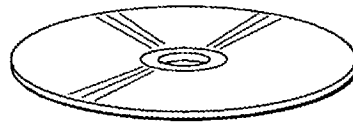
The present invention pertains to the reproduction of play lists. The present invention is exemplarily illustrated in Figures 8a-8d of the application, which are reproduced below.



The claims of the present invention typically include an object information file, a play list information file and a disc information file and set forth that: (i) the play list specification information is information which is different from the play list information, and (ii) the same play list information can be specified by a plurality of play list specification information and the same play list information can be combined with different Pre and Post commands.

Murase et al. pertain to a multimedia optical disk and reproduction apparatus directed at interactive gaming. The Official Action continues to refer (among others) to Figure 2A for a recording medium, Figures 4A and 4B for logical flow and Figure 24 for recording (see below).

Fig. 2A



First Difference

A first patentable difference resides in that Murase et al. do not disclose the novel features of the present invention

such that there are recorded, in the disc information file, **play list specification information aside from the play list information.**

In comparison, in the present invention, because the same play list information (one play list information) can be specified by each of two different play list specification information, it is possible to change the combination of same play list information with the different Pre commands or the different Post commands.

More specifically, it is possible to combine the play list information #1, which is specified by the play list specification information #1 included in information group #1, with the Pre command #1 or the Post command #1, which is included in information group #1, and to combine the play list information #1, which is specified by the play list specification information #2 included in information group #2, with the Pre command #2 or the Post command #2, which is included in information group #2.

As a result, it is possible to reduce, as a whole, the recording capacity required for the information recording medium to reproduce the title, because it is not needed to record the same play list information redundantly in order to record the plurality of reproduction sequences with different Pre commands or Post commands (See page 7 line 18 to page 8 line 8 of English specification of the present invention).

On the other hand, the Office asserted in the previous Office Action dated November 16, 2009 that "*Murase teaches [...]* (i) *play list specification information for specifying one play list information stored in said play list information file (in at*

least Figs. 12A and 12B specifying specific program chain from PGC management information table)". However, column 19 lines 6 to 8 of Murase et al. disclose that "The PGC management information table stores a plurality of pieces of PGC information". This means that the PGC management information table is the PGC information (program chain) itself. Namely, the PGC management information table is not information which is different from the PGC information and which specifies the PGC information.

In addition, in Murase et al., the reproduction is performed by using the PGC information in which the program chain (i.e. VOB address information table) is fixed to the PGC command table. Therefore, technically, it is extremely **difficult or impossible to share the same program chain**, because the program chain is fixed to the PGC command table. Furthermore, it is also **difficult or impossible to generate a different title by combining a different command to the same program chain**. This means that it is needed to record the same program chain #1 redundantly in order to prepare the PCG information #1 which includes the program chain #1 and command #1 and the PCG information #2 which includes the program chain #1 and command #2.

Second Difference

A second patentable difference resides in that the Office Action takes the position that "Murase et al. teach each of the play list information file which stores the play list and the object information file which stores the address is recorded into different area where in Fig. 12A shows video title set management information table holding the play lists while in a separate area, Fig. 5 shows object files, such as VOBs where each title set

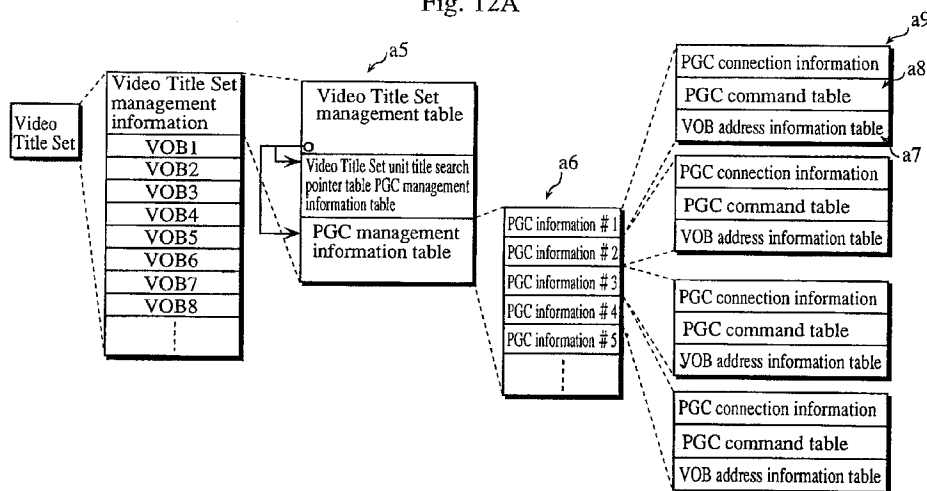
contain various VOBs". Considering the above comment, it appears that the Office interprets the *"object files (VOBs) of Murase"* as the *"object information file"*.

However, this interpretation is absolutely incorrect. The *"object files (VOBs) of Murase"* corresponds to NOT the *"object information file"* of the present invention BUT the *"object data file"* of the present invention, because the *"object files (VOBs) of Murase"* includes the content information (e.g., the video pack and the audio pack). In addition, the Office Action (page 3, Comment for claim 15) asserts that the *"object data file"* corresponds to *"each title set containing various VOB (Fig. 5)"* of Murase et al. and the *"object information file"* corresponds to *"start and stop addresses as well as pre/post processing command start / end addresses (Figs. 12 and 15)."*

Considering the misunderstanding of Murase et al. in the Office Action it is clear that Murase et al. do not disclose another novel feature of the present invention such that *"each of the object data file, the play list information file and the object information file is recorded into different area"*.

More specifically, in Murase et al. (see Figure 12A, reproduced below), (i) the VOB address information, which indicates the address of the VOB, is included in one PGC (Program Chain) information and (ii) both of the PGC information and the VOBs are includes in one Video Title Set as one file.

Fig. 12A



This means that, in Murase et al., each of object data (VOBs), the PGC information (play list information file) and the VOB address information (object information file) is recorded into same area as one file. Therefore, according to the disclosure of Murase et al., it is not possible to recognize the address of the VOBs, because the address of the VOBs is recorded with the VOBs as one file. Thus, according to Murase et al., it takes a long time for searching the address of the VOBs, because it needs to access the large amount of the VOBs (object data) in order to recognize the address of the VOBs.

On the other hand, according to the present invention, because each of the object data file, the play list information file and the object information file is recorded into different area, it is possible to recognize the address of the object data which corresponds to play list information file, by referring to the separately recoded object information file, before accessing

the very large amount of the object data.

Consequently, Murase et al. do not disclose another novel feature of the present invention such that *"each of the object data file, the play list information file and the object information file is recorded into different area"*.

Third Difference

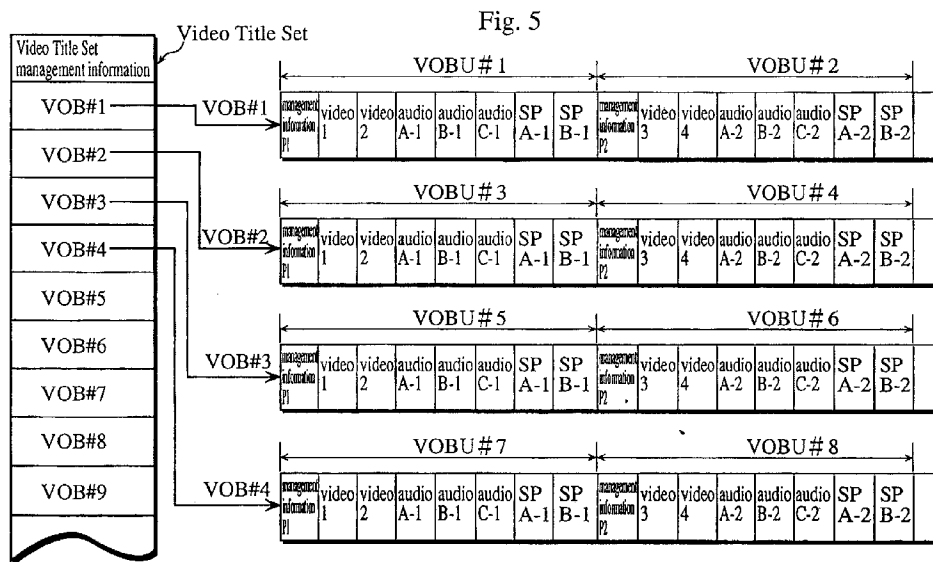
A third patentable difference arises in that the Office Action urges *"Regarding Claim 15, Murase et al. teach [...] each of the plurality of item information includes start time and the end time of the object data (Column 14, line 64 to Column 5 line 8 and Column 5 lines 25 to 35 - management information pack having start and end times)"*. Considering the above comment, it seems that the Office interprets the *"PCI (Presentation Control Information) specifying the reproduction start time and end time of the VOB unit (VOBU)"* of Murase et al. as the *"item information"* of the present invention.

However, the *"PCI"* of Murase et al. is included as the management information pack in the VOB (see Fig. 5 of Murase et al.). On the other hand, the *"item information"* of the present invention is NOT included in the object data, because each of the object data and the play list information which includes the item information is recorded into different area. Thus, Murase et al. do not disclose the *"item information"* of the present invention.

In addition to the aforesaid differences, the Office Action at page 4 asserts that *"Regarding Claim 15, Murase et al. teach [...] a play list information file [...] (in at least Fig. 12A, 15A, 16 - program chains for each title set having VOBs, each having management packets)."* Considering the above comment, it

appears that the Office interprets the “*program chain (i.e. PGC management information table including PGC information)*” of Murase et al. as the “*play list information*” of the present invention.

However, the "PCI" of Murase et al. is not included in the "program chain (PGC information)" of Murase et al., because (i) the "PCI" of Murase et al. is included in the VOB (See Figure 5, reproduced below), (ii) the "program chain (PGC information)" of Murase et al. is included in the Video Title Set management information (See Figure 12A, reproduced above) and (iii) VOB is NOT included in the Video Title Set management information (See Figure 12A). Thus, Murase et al. do not disclose that the "play list information (program chain)" of the present invention includes the "item information (PCI)" of the present invention.



Consequently, Murase et al. do not disclose the aforementioned novel features of the present invention.

Furthermore, these novel features of the present invention are not inferred to the skilled person.

Thus, the rejection should be withdrawn, as is respectfully requested.

Request for Interview

The Examiner is respectfully requested to contact the applicant's representative at the telephone number below in order to arrange an interview.

Conclusion

The Examiner is thanked for considering the Information Disclosure Statements filed July 16, 2004 and November 24, 2004 and for making initialed PTO-1449 Forms of record in the application.

Prior art of record but not utilized is believed to be non-pertinent to the instant claims.

The rejection is believed to have been overcome, obviated or rendered moot, and no issues remain. The Examiner is accordingly respectfully requested to place the application in condition for allowance and to issue a Notice of Allowability.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

YOUNG & THOMPSON

/Robert E. Goozner/
Robert E. Goozner, Reg. No. 42,593
209 Madison Street, Suite 500
Alexandria, VA 22314
Telephone (703) 521-2297
Telefax (703) 685-0573
(703) 979-4709

REG/lrs